



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04Q 1/446	A2	(11) International Publication Number: WO 99/59347 (43) International Publication Date: 18 November 1999 (18.11.99)
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(21) International Application Number: PCT/FI99/00395

(22) International Filing Date: 11 May 1999 (11.05.99)

(30) Priority Data:
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Helsinki (FI).(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB,
GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA,
ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ,
UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI
patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR,
NE, SN, TD, TG).

Published

*In English translation (filed in Finnish).
Without international search report and to be republished
upon receipt of that report.*

(54) Title: METHOD AND DEVICE FOR DETECTING A SIGNAL HAVING A CERTAIN FREQUENCY

(57) Abstract

An electric device is intended for detecting the presence of a signal having a certain frequency (401) in a line connection (301). It comprises at least three energy-storing components (302, 303, 304, 305, 501, 502, 503, 504) connected in parallel to the line connection, switching means (306) for making a connection selectively from each energy-storing components to a certain reference, means (CLK1, CLK2) for controlling the switching means at a predetermined frequency, and means (307, 308, 309) for measuring a certain quantity comparable to the energy stored from each energy-storing component.

